

**INFORMATION DISCLOSURE  
 CITATION**

ATTY. DOCKET NO.

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2590-163

10/590,201

APPLICANT

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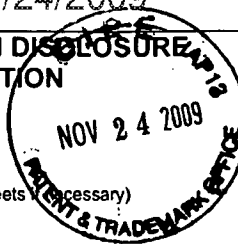
FILING DATE

GROUP

August 22, 2006

1794

(Use several sheets if necessary)



**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|---------|------------------|-------|----------|-------------------------------|
|                      | 3,969,563       | 07/1976 | Hollis, Sr.      |       |          |                               |
|                      | 5,296,278       | 03/1994 | Nishimura, et al |       |          |                               |
|                      | 2002/0182351    | 12/2002 | Akiyama, et al   |       |          |                               |
|                      | 4,883,630       | 11/1989 | Langecker        |       |          |                               |
|                      | 4,390,487       | 06/1983 | O'Mara           |       |          |                               |
|                      | 3,901,638       | 08/1975 | Yoshikawa, et al |       |          |                               |
|                      | 4,940,557       | 07/1990 | Kimura           |       |          |                               |
|                      | 5,975,871       | 11/1999 | Kudert, et al    |       |          |                               |
|                      | 4,921,647       | 05/1990 | Stewart          |       |          |                               |
|                      | 6,332,767       | 12/2001 | Kudert, et al    |       |          |                               |
|                      | 6,808,673       | 10/2004 | Van Schaftingen  |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

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| JP 02098415    | 04/1990 | Japan   |       |          |                       |
| JP 2001-163321 | 06/2001 | Japan   |       |          |                       |
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**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

|  |
|--|
| Office Action mailed 10/31/2008 in SN 10/590,201       |
| Office Action mailed 06/08/2009 in SN 10/590,201       |
| Advisory Action mailed 10/28/2009 in SN 10/590,201     |
| Office Action mailed 06/11/2008 in SN 10/591,117       |
| Office Action mailed 12/24/2008 in SN 10/591,117       |
| Interview Summary mailed 05/06/2009 in SN 10/591,117   |
| Office Action mailed 08/18/2009 in SN 10/591,117       |
| Interview Summary mailed 10/28/2009 in SN 10/591,117   |
| Office Action mailed 06/12/2008 in SN 10/591,116       |
| Notice of Allowance mailed 01/28/2009 in SN 10/591,116 |
| Office Action mailed 06/12/2008 in SN 10/591,126       |
| Office Action mailed 12/24/2008 in SN 10/591,126       |
| Advisory Action mailed 04/06/2009 in SN 10/591,126     |
| Office Action mailed 07/02/2009 in SN 10/591,126       |
| Interview Summary mailed 10/28/2009 in SN 10/591,126   |
| Office Action mailed 06/11/2008 in SN 10/591,127       |
| Office Action mailed 12/17/2008 in SN 10/591,127       |
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|  |                      |                 |            |
|--|----------------------|-----------------|------------|
| *Examiner  | /Walter Aughenbaugh/ | Date Considered | 05/11/2010 |
| Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Initial a copy of this form with next communication to applicant. |                      |                 |            |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /WA/